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Ser. No.10/572,089
Final Office Action dated: 10/31/07
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PATENT
PF030146

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Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of the Claims

1. (Currently Amended) Outdoor unit of a reception terminal including a return channel, wherein the return channel (BUC) comprises:
 - a local oscillator providing a signal with a frequency that can be selected from at least two frequencies,
 - a transposition means that transposes a signal to be transmitted using the signal provided by the local oscillator,
 - a wideband filtering means that allows through signals whose frequency corresponds to the transposed signal independently from the frequency of the local oscillator, and
 - a ~~waveguide element having above its structure a cover~~ configurable rejection filter depending on the frequency selected for the local oscillator, ~~to transform the waveguide into a filtering guide if required.~~
- 2-4. (Cancelled)
5. (Currently Amended) Outdoor unit according to claim 1, wherein the local oscillator comprises means for selecting the oscillation frequency.
6. (Previously Presented) Outdoor unit according to claim 5, wherein the means for selecting the oscillation frequency is either a manual switch or a command from an indoor unit or terminal.
7. (New) Outdoor unit according to claim 1, wherein the configurable rejection filter comprises a guided structure, wherein the cover of said guided structure transforms said configurable rejection filter into one of a band rejection filter that rejects a bandwidth corresponding to a leak of the transposition frequency or into a non-filtering element.

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8. (New) Outdoor unit according to claim 7, wherein the cover comprises one of a flat cover, or a cover including slot-coupled resonant cavities such that said cover transforms the configurable rejection filter into a band rejection filter for rejecting a bandwidth corresponding to a leak of the transposition frequency in the wideband.
9. (New) Outdoor unit according to claim 7, wherein the cover comprises one of a flat cover or a cover having a plurality of profiled elements such that said cover transforms the configurable rejection filter into a band rejection filter for rejecting a bandwidth corresponding to a leak of the transposition frequency in the wideband.
- 10 (New) Outdoor unit according to claim 7, wherein the cover comprises a flat cover such that said cover transforms the configurable rejection filter into a band rejection filter for rejecting a bandwidth corresponding to a leak of the transposition frequency in the wideband.
11. (New) An outdoor unit of a reception terminal including a return channel, wherein the return channel (BUC) comprises:
- a local oscillator providing a signal with a frequency that can be selected from at least two local oscillator frequencies,
 - a transposition means that transposes a signal to be transmitted using the signal provided by the local oscillator,
 - a wideband filtering means that passes the signal from said transposition means resulting from selection of any of said at least two local oscillator frequencies, and
 - a configurable rejection filter for rejecting a leak of transposition frequency for at least one of said at least two local oscillator frequencies.
12. (New) The outdoor unit of claim 11 wherein the configurable rejection filter is configured through placement of a cover on a waveguide.